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ALUMNI REPORT

PUBLISHED BY THE ALUMNI ASSOCIATION OF THE PHILADELPHIA COLLEGE OF PHARMACY

PUBLICATION OFFICE, 145 N. TENTH ST., PHILADELPHIA

VOL. XXXVI. FEBRUARY, 1900. No. 2.

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OUR GRADUATES.

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Address all matter for publication to the Editor, Joseph W. England, 145 North Tenth Street, and all business matters to the Business Manager, Wm. Nelson Stem, 145 North Tenth Street, Philadelphia.

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TELEPHONE CONNECTION

Philadelphia Association of Retail Druggists

The next regular meeting of the Philadelphia Association of Retail Druggists will be held at the Philadelphia College of Pharmacy, 145 North Tenth Street, Friday, March 2d, 1900, 3 P.M.

"Sunday Closing" will be up for DISCUSSION and ACTION.

All retail druggists, whether members of our Association or not, are invited to attend, as this will be an unusually important meeting.

WM. McINTYRE, PRESIDENT. W. A. RUMSEY, SECRETARY.
JAMES C. PERRY, CHAIRMAN EXECUTIVE COMMITTEE.

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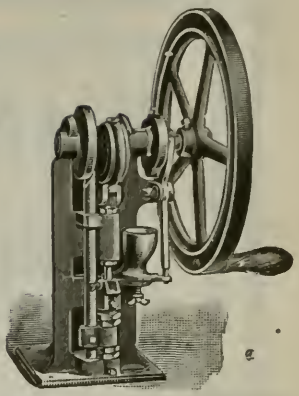
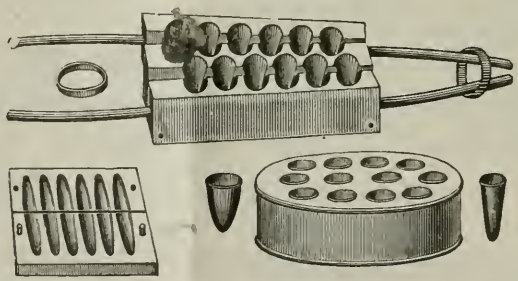


ALUMNI SOCIAL MEETING.

THE next Social Meeting of the Alumni Association of the Philadelphia College of Pharmacy will be held on Tuesday evening, February 20, 1900, at 145 North Tenth Street, this city. *You are cordially invited to be present.*

COMMITTEE ON SOCIAL MEETINGS.

SUPPOSITORY MOULDS, ETC.



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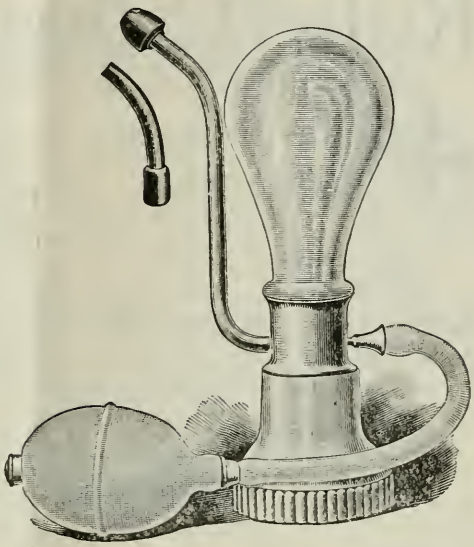

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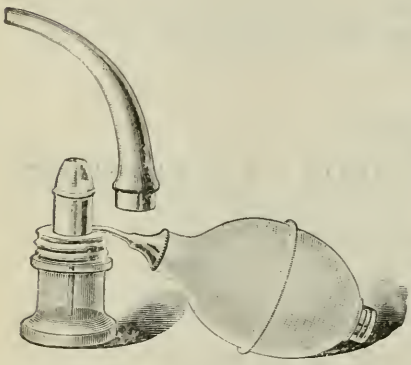

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PUBLISHED MONTHLY BY THE ALUMNI ASSOCIATION OF THE PHILADELPHIA COLLEGE OF PHARMACY.

VOL. XXXVI. ... FEBRUARY, 1900 ... No. 2

Editorials.

THE "AMERICAN JOURNAL OF PHARMACY."

When a technical publication lives for more than threescore years and ten, and, in these days of keen competition, is as vigorous and aggressive as it ever was, there must be something of much more than usual merit in the publication. Such a journal is the *American Journal of Pharmacy*, whose pages embrace largely the history of original research in American pharmacy, and whose contributors in the past have been the brightest writers in American pharmaceutical literature. To-day, under the able direction of our fellow-alumnus, Henry Kraemer, '89, the *Journal* promises much for the future, every endeavor being made to bring together in it all that is best in pharmaceutical thought and practice.

As an indication of the variety of subject-matter it presents, the following table of contents from the current issue of fifty reading pages is of interest :

The Drug and Herb Vendors of the Sidewalks of Philadelphia. By Charles H. LaWall.
Bismuth Salicylate, Basic. By Lyman F. Kebler.
Syrupus Aurantii. By F. W. Haussmann.
Syrupus Pruni Virginianæ. By F. W. Haussmann.
Syrupus Rosæ. By F. W. Haussmann.
Notes on Beeswax. By H. V. Arny.
Recent Literature Relating to Pharmacy.
Editorial—Micro-organisms and Disease.
Reviews and Bibliographical Notices.
Editorial Notes and Comments.
American Pharmaceutical Association.
Minutes of the College Meeting.
Minutes of the Pharmaceutical Meeting.
Notes and News.

The *American Journal of Pharmacy* should appeal especially to the graduates of the Philadelphia College of Pharmacy, not only

in the sending of original papers embodying research work for publication, but also in the sending of subscriptions. We earnestly urge the over 4,000 graduates of the College to help the *Journal* by subscribing and working for it. If the practice of pharmacy is going to be uplifted and made more of a profession than it is, it must be done through the development of its scientific side, and in this field the *Journal* stands supreme among pharmaceutical publications. Now is the time to subscribe.

THE FEBRUARY SOCIAL MEETING.

The Social Meeting of the Alumni Association of the Philadelphia College of Pharmacy held last month, as well as those previously held, was very successful, and reflects much credit upon the Committee on Social Meetings of the Alumni Association, and also upon the several class organizations of the College who have been associated with the Alumni Committee in the work, and have rendered yeoman service. These functions are now practically conducted by the students themselves, the different classes taking their turns at doing the honors. At the Social Meeting of this month, which will be held on Tuesday evening, February 20, at the College, the Beta Phi Society of the Second Year Class of the College will have charge, and, as it is the last Social Meeting of the series of 1899–1900, it goes without saying that every endeavor will be made to have it the most successful one yet held. A cordial invitation is extended to all students, alumni and pharmacists generally to be present.

Pharmaceutical Meeting.

The fourth stated Pharmaceutical Meeting of the Philadelphia College of Pharmacy for 1899–1900 was held Tuesday, January 16, 1900. William McIntyre, President of the Philadelphia Association of Retail Druggists, presided.

Prof. Joseph McFarland, of Philadelphia, widely known for his work in bacteriology, made a most interesting address upon the subject of "Immunity, What is It, and Upon What Does it Depend?"

The speaker defined the term immunity, as generally used, to mean resistance to disease, and divided his subject-matter into two headings: (1) Immunity to infection and (2) immunity to intoxication. He thought that the most important factors involved in producing infection were: (1) The kinds of bacteria, (2) the number of bacteria, (3) the avenue of entrance and (4) the kind of soil. Immunity to infection he divided into active and passive, the former being due to the natural powers of the individual and the latter to artificial means. A statement of the different theories held was then given regarding the nature of immunity.

The address was then discussed.

Prof. J. P. Remington inquired whether or not immunity could be transferred through heredity, making reference to protective mimicry.

Dr. C. B. Lowe referred to the immunity of young infants as possibly due to the influence of heredity.

In reply, Professor McFarland said that acquired immunity was not hereditary.

Replying to an inquiry made by J. W. England, as to the chemical nature of the antitoxins, whether or not they were proteid or nucleo-proteid in character, the speaker said that some workers regarded antitoxins as proteid substances, some believed them

to be forces and some ferments. Their exact chemical nature was a very difficult matter to ascertain.

Lyman F. Kebler presented a paper on "Bismuth Salicylate, Basic," which has been printed in full in the current issue of the *American Journal of Pharmacy* (p. 65). Mr. Kebler does not believe that, practically, $BiONO_3.H_2O$ exists.

Mr. England asked a series of questions, to which Mr. Kebler replied by saying that he had not been able to make satisfactory acid bismuth salicylate, that it was difficult to determine the percentage of free salicylic acid in the basic salicylate, as the addition of alcohol liberates free acid, and that the best method for determining the amount of nitrate in bismuth salicylate was, in his opinion, the Kjeldahl method.

F. W. Haussmann, who has been working for some time, as a member of Research Committee E of the U. S. Pharmacopœia, upon the subject of "Syrups," presented a very interesting paper upon certain official syrups (see *American Journal of Pharmacy*, Feb., 1900, pp. 69–73).

Edwin M. Boring, commenting upon the formula for syrup of orange, said that the more clear the syrup was, the less flavor it had. He prepared his syrup by triturating the fresh orange peel with sugar in a mortar, and adding (as well as water) the juice of the fruit, one orange being used to one pint of syrup.

A valuable paper by Dr. H. V. Arny, entitled "Notes on Beeswax," was read by Henry Kraemer (see *A. J. P.*, 1900, 73).

Mr. England presented, on behalf of Geo. M. Beringer, a specimen of fresh, uncured vanilla bean, obtained from Messrs. Dodge & Olcott, of New York.

Professor Kraemer exhibited some interesting samples of commercial arrowroots, after which the meeting adjourned.

The next Pharmaceutical Meeting of the present series will be held on Tuesday afternoon, February 20, 1900, at 145 N. Tenth Street. Papers will be read on: "Mineral Tannage," by Prof. S. P. Sadtler. "Soluble Ferric Pyrophosphate," by W. E. Ridenour, Ph.G. "Crocus and Some of Its Adulterants," by William Stair Weakley, P.D.

Executive Board Meeting.

The third stated meeting of the Executive Board of the Alumni Association of the Philadelphia College of Pharmacy for 1899-1900 was held in the Library of the College on Thursday afternoon, December 7, 1899, President F. Wm. E. Stedem in the chair.

The following members were present: F. Wm. E. Stedem, Theo. Campbell, Cornelius E. Spenceley, Wm. Lincoln Cliffe, Wm. E. Krewson, John H. Hahn, Dr. J. Louis D. Morison, David H. Ross, Albert Oetinger, Harry L. Stiles, Jos. W. England, Wm. G. Nebig, Frank P. Streeper, F. Wm. Haussmann and Walter A. Rumsey.

Communications were received from Wm. N. Stem and John D. Burg, regretting inability to attend the meeting.

The following ex-Presidents were also present: Thos. S. Wiegand, Dr. Charles A. Weidemann, Dr. Clement B. Lowe, Wallace Procter and James C. Perry.

On motion, the reading of the minutes of the previous meeting was dispensed with.

The following report of the Committee on Class Organization was read, and, on motion, accepted:

To the Executive Board, Alumni Association, P.C.P.

GENTLEMEN:—The Committee on "Class Societies" and their Organization is pleased to report as follows:

The third year class society (Zeta Phi) was organized with seventy-five members, and elected the following officers:

President, Harry Lionel Meredith, Hagerstown, Md.; Vice-President, Wm. Samuel Stinson, Titusville, Pa.; Secretary, Carlton Pierce Sunday, York, Pa.; Treasurer, Louis Stolz, Syracuse, N. Y.; Class Reporters, Robert Clayton Pursel, Bloomsburg, Pa., Walter Brooks, Quarryville, Pa.; Executive Committee, Levi Scott, Camden, Del.; Henry James Garritt, Huron, O.; Frank Casper Schad, Tamaqua, Pa.; HarryWilbert Hughes, Millville, N. J.; Wm. Thomas McElwain, Chambersburg, Pa.

The second year class society (Beta Phi) was organized with thirteen members. The following officers were elected:

President—Rolland Hall French, Salem, O.

Vice-President—Fielding Otis Lewis, Hibbardsville, Ky.

Secretary—Victor Clyde Michels, Albion, Ill.

Treasurer—John Hartranft Levering, Norristown, Pa.

Class Reporters—E. Franklin Weaver Garber, Mt. Joy, Pa., and Earl Hobart Cone, Batavia, N. Y.

Executive Committee—William Conrad Wolfer, Philadelphia, Pa.; Hugh Boleyn Sprague, Salt Lake City, Utah; Wm. Forsaith Steever, Millersburg, Pa.; Jacob Sylvester Picking, Jr., Somerset, Pa.; Clarence Eugene Shafer, Altoona, Pa.

The first year class society (Alpha Phi) was organized with seventy-nine members. The following officers were elected:

President—Edwin Clarence Zinn, Carlisle, Pa.

Vice-President—Miss Edith Morton Goodman, Denver, Col.

Secretary—Miss Theressa V. Donoghue, Girardville, Pa.

Treasurer—James Heber Parker, Reading, Pa.

Class Reporters—Charles Edward Martin, Columbia, Pa.; John Albert Dufford, West Sunbury, Pa.

Executive Committee—Frank Hall Kirk, Curwensville, Pa.; Wm. Brown Ackerman, East Mauch Chunk, Pa.; John M. Toulson, Chestertown, Md.; Miss Alice Beatrice Caden, Lexington, Ky.; Mrs. Fannie Bezman Margolin, Philadelphia, and Miss Anna R. Lescure, Philadelphia.

Respectfully submitted,

FRANK G. RYAN,
Chairman.

Philadelphia, November 24, 1899.

The Secretary reported that he had collected and paid over to the Treasurer since the previous meeting of the Executive Board, $12.00 for badges and $5.00 for membership fee.

The Business Manager of the REPORT reported that he had paid over to the Treasurer since the previous meeting $216.09.

The Treasurer reported that the balance in treasury at previous report was $90.02; receipts from all sources were $533.09; orders paid amounted to $464.55, and balance in treasury was $158.56.

On motion, the reports of the Secretary, Business Manager of the REPORT, and the Treasurer were accepted and ordered spread upon the minutes.

The Finance Committee reported that they had approved of bills amounting to $634.15, of which amount $464.55 has been paid, leaving bills approved which were not paid, $169.60; also reported that the Treasurer had a balance at previous meeting of $90.02, that he has secured from all sources $533.09, and that orders have been paid amounting to $464.55, leaving a balance of $158.56.

The Secretary stated that the following members had made application and procured the Alumni Badge: John H. Eppley, '92, Cassopolis, Cass County, Michigan; Howard Simes Hance, '99, 307 North Sixty-fifth Street, Philadelphia; also that the following application for membership had been received: Edward A. Cornell, '65, Williamsport, Pa.

The Secretary also read the following letter, which accompanied the application:

Wm. E. Krewson, Secretary.

DEAR SIR:—Enclosed find cash for certificate of Alumni. I have waited many years

to connect myself more closely to my *Alma Mater*, appreciating in the meantime the good work that has been done.

The REPORT has been a constant reminder of my remissness toward the College, and I trust she may have greater renown and prosperity in the future than the past.

Yours truly,

E. A. CORNELL, '65.

Williamsport, Pa., November 16, 1899.

The Committee on Revision of the By-Laws reported progress.

The Committee on Publication reported that the Committee had awarded the contract for the paper to Irwin N. Megargee & Co. for the ensuing year, at a higher price than in 1899, as paper had advanced in price; also, that they had given the contract for printing the ALUMNI REPORT for 1900 to Edward Stern & Co., at the same figures as in 1899.

On motion, these actions were sustained.

James C. Perry reported that 127 REPORTS for the month of November had been sent out to members of the Philadelphia Association of Retail Druggists who were not graduates of our College, and stated that the Philadelphia Association of Retail Druggists desired to pay the Alumni Association for the REPORTS, and that the Association would like to use the columns of the ALUMNI REPORT each month and have it sent to their membership if possible.

On motion, the matter was referred to the Committee on Publication, with power to act.

On motion of Wm. G. Nebig, it was directed that the November and December issues of the REPORT sent to the members of the Philadelphia Association of Retail Druggists be donated to that Association for those two months.

Wm. G. Nebig, of the Committee on Social Meetings, announced that the October and November Social Meetings had been held, and were very successful and enjoyable affairs, and that the December meeting would be held on Tuesday evening, December 19, and would be in charge of the third year class, 1900, who would tender a reception to the foot-ball team of the College, and that the classes would bear all of the expenses of the evening.

Harry L. Stiles reported for the Committee on Memorial of the late Walter J. Sellers, '96, who was killed by the destruction of the U. S. steamship "Maine," that a suitable tablet of brass could be procured with handsome backing for a reasonable sum, which was stated.

On motion, the matter was referred back to the Committee, with power to raise the necessary funds.

On motion, J. W. England, '83, was elected Editor and Wm. Nelson Stem, '73, was elected Business Manager of the ALUMNI REPORT, for the year 1900.

The Secretary reported the following deaths of members and graduates:

George W. Hackney, '91, died at New Salem, Pa., on Sunday, September 10, 1899.

Benjamin Shoemaker, Jr., '66, died on Thursday, October 19, 1899, on Berkeley Avenue, Clifton Heights, of consumption, aged 54 years. He joined the Alumni Association March 9, 1866.

Washington Laycock, '58, died October 12, 1899, at Kingston, N. Y.

Wm. R. Lautenbacher, '96, died (drowned) near Pottsville, Pa., on Friday, August 25, 1899, aged 25 years. He joined the Alumni Association April 13, 1896.

Arthur B. James, '99, died in New York City (date not known).

Dr. Dilwyn P. Pancoast, '56, died at the Cooper Hospital, Camden, N. J., on Saturday evening, November 4, 1899, aged 64 years.

Dr. Harry N. Hall, '86, died February 20, 1896, aged 32 years. He joined the Alumni Association March 16, 1886.

Frederick F. Kappis, '88, died at Sistersville, W. Va., April 20, 1896. He joined the Alumni Association March 16, 1888.

The Secretary reported the following acknowledgments from libraries who had received the REPORT:

The University of Chicago Library, No. 10, for October, 1899.

Bulletin de la Société Royale de Pharmacie de Bruxelles, M. Duyk, Nos. 10 and 11, for October and November, 1899.

The Proceedings of the Pennsylvania Pharmaceutical Association of its Twenty-second Annual Meeting, held in Philadelphia, June 13 and 14, 1899, from J. A. Miller, M.D., Secretary.

The President appointed the following Committee to nominate the officers for the year 1900–1901 :

F. Wm. E. Stedem, '82, President.
Wm. E. Krewson, '69, Secretary.
Wm. J. Jenks, '50.
Dr. Charles A. Weidemann, '67.
Dr. Adolph W. Miller, '62.
Thos. S. Wiegand, '44.
Jos. W. England, '83.
Frank X. Moerk, '84.
Wm. N. Stem, '73.
Dr. Clement B. Lowe, '84.
Harry L. Stiles, '86.
James C. Perry, '91.
Miss Florence Yaple, '95.
Miss Clara Sprissler, '92.
Jos. Crawford, '84.

On motion, the meeting adjourned.

Papers.

REPORT OF THE COMMITTEE ON NOMINATIONS FOR 1900-01, ALUMNI ASSOCIATION, P.C.P.

At the meeting of the Executive Board of the Alumni Association, held February 2, 1900, the following report was presented :

To the President and Members of the Executive Board.

GENTLEMEN :—The Committee appointed by the President to nominate officers for the Association for 1900–01 would report that the Committee convened in the library room of the College on Thursday, January 11, 1900, according to the call issued by the Chairman. The following members of the Committee were present :

F. Wm. E. Stedem, '83, President ; Wm. E. Krewson, '69, Secretary ; Thos. S. Wiegand, '44 ; Dr. Chas. A. Weidemann, '67; Wm. N. Stem, '73 ; Dr. Clement B. Lowe, '84 ; Prof. Frank X. Moerk, '84 ; Miss Florence Yaple, '95 ; James C. Perry, '91.

Communications were received from Wm. J. Jenks, '50 ; Joseph Crawford, '84, and Miss Clara Sprissler, '92, regretting that they would be unable to be present.

The President called the meeting to order at 4.30 P.M., and the Secretary called the roll of the Committee, after which the following were nominated :

President, Theodore Campbell, '93.

First Vice-President, Cornelius E. Spenceley, '78, and John H. Hahn, '81 (one to be chosen).

Second Vice-President, Frank G. Ryan,'84.

Recording Secretary, Wm. E. Krewson, '69.

Corresponding Secretary, Wm. G. Nebig, '86.

Treasurer, Wm. Lincoln Clifle, '84.

Members of the Board of Directors (five to be elected ; four for the term of three years and one for one year in place of Wm. G. Nebig, nominated for Corresponding Secretary) :

Wm. N. Stem, '73 ; Jacob M. Baer, '81 ; Clarence H. Campbell, '90 ; Charles H. LaWall, '93 ; Albert Oetinger, '86 ; Sam'l E. R. Hassinger, '70; Dr. J. Louis D. Morison, '88 ; David H. Ross, '78 ; Melvin Wm. Bamford, '99 ; Miss Florence Yaple, '95 ; David Preston,'65 ; Jacob Eppstein, '92 ; L. S. A. Stedem, '93, and Henry A. Smith, '91.

On motion, nominations were closed.

On motion, the meeting adjourned *sine die*.

WM. E. KREWSON, *Secretary*.

Philadelphia, February 1, 1900.

THE PHILADELPHIA ASSOCIATION OF RETAIL DRUGGISTS' EUCHRE AND DANCE.

The Progressive Euchre and Dance of the Philadelphia Association of Retail Druggists, scheduled for Wednesday evening, February 7, 1900, at Horticultural Hall, Broad and Spruce Streets, this city, took place, and was a phenomenal success, 1,Soo being present.

It is worthy of note that this Euchre and Dance was the first of its kind to be given in the United States by an association of retail druggists. Philadelphia, it may be added, is not so slow as some of her critics try to make her appear. Not only has she been the birthplace of American liberty, but she has been the birthplace of American pharmacy. Within her borders was founded the first College of Pharmacy of the new world—which to-day leads in teaching, as it always has led. Within the Quaker City was issued the first journal of pharmacy in this country, the *American Journal of Pharmacy;* was organized the American Pharmaceutical Association; was prepared the subject-matter of many of the earlier revisions of the *U. S. Pharmacopœia;* were written both the *U. S. Dispensatory* and the *National Dispensatory*, and also were developed such eminent pharmaceutical workers as Procter, Parrish, Maisch, Remington, Sadtler and Trimble.

Philadelphia, to-day, leads the country in other lines. Her shipyards, her locomotive works, her carpet manufactories and her various mechanical industries are famed far and wide, and her association of retail druggists is to-day the largest in numbers and the strongest and most progressive of its kind in the land.

Never before in the history of Philadelphia drugdom has there been such an outpouring of the craft as at this Euchre and Dance—and in full-dress suits, too—with their fair friends and fair relatives, a gathering of such charming women, in such artistic gowns that its beauty excited universal pleasure and comment, and never before, probably, has the craft manifested such a lively enthusiasm and whole-souled enjoyment.

The patronesses of the occasion were:

Mrs. A. F. Ashmead, Mrs. H. C. Blair, Mrs. J. D. Burg, Mrs. H. J. Batdorff, Mrs. E. M. Boring, Mrs. T. J. Buckman, Mrs. J. M. Baer, Mrs. H. A. Borell, Mrs. G. McL. Bowman, Mrs. B. L. Brown, Mrs. C. H. Bohn, Mrs. C. F. Chandler, Mrs. R. C. Cadmus, Mrs. W. L. Cliffe, Mrs. Theo. Campbell, Mrs. W. H. Campbell, Mrs. G. P. Conner, Mrs. C. H. Campbell, Mrs. W. W. Chalfant, Mrs. J. L. Crothers, Mrs. B. Frank Davis, Mrs. Eberly, Mrs. C. A. Eckels, Mrs. J. Eppstein, Mrs. W. A. Fetters, Mrs. L. C. Funk, Mrs. E. A. Fahy, Mrs. G. W. Fehr, Mrs. E. J. Finnerty, Jr., Mrs. W. Fitch, Mrs. Farrow, Mrs. A. J. Frankeberger, Mrs. W. H. Gano, Mrs. E. R. Gatchell, Mrs. Louis Genois, Mrs. F. Groff, Mrs. C. H. Gubbins, Mrs. D. M. Harris, Mrs. J. G. Howard, Miss S. G. Haydock, Mrs. C. E. Howard, Mrs. A. Hoch, Mrs. S. E. R. Hassenger, Mrs. Wm. Harris, Mrs. J. W. Harrigan, Mrs. W. B. Jones, Mrs. F. W. Jordan, Mrs. C. E. Keeler, Mrs. Mahlon Kratz, Mrs. W. H. Lantz, Mrs. Chas. Leedom, Mrs. J. G. Long, Mrs. W. H. Lacey, Mrs. Wm. McIntyre, Mrs. F. E. Morgan, Mrs. C. C. Meyer, Mrs. E. G. F. Mickley, Mrs. Louis Murjahn, Mrs. J. P. Mallon, Mrs. Wm. Morrison, Mrs. J. B. Moore, Mrs. J. D. McFerren, Mrs. M. O. Milligan, Mrs. Robt. McNeil, Mrs. T. M. Newbold, Mrs. H. A. Nolte, Mrs. H. E. Nicoud, Mrs. J. J. Ottinger, Mrs. A. Oetinger, Mrs. J. C. Perry, Mrs.W. H. Poley, Mrs. E. M. Platt, Mrs. W. Procter, Mrs. T. H. Potts, Mrs. W. J. Pechin, Mrs. David Preston, Mrs. A. T. Pollard, Mrs. J. A. Rudy, Mrs. W. A. Rumsey, Mrs. H. H. Ross, Mrs. D. W. Ross, Mrs. U. G. Ruff, Mrs. Chas. Rehfuss, Mrs. N. P. Reidenauer, Mrs. J. F. Sands, Mrs. C. Scattergood, Mrs. E. T. Spencer, Mrs. H. L. Stiles, Mrs. F. W. E. Stedem, Mrs. F. P. Streeper, Mrs. A. J. Seeler, Mrs. J. M. Stoever, Mrs. H. Swain, Mrs. W. F. Steinmetz, Mrs. J. D. Seiberling, Mrs. H. J. Seigfried, Mrs. J. S. Schmehl, Mrs. E. C. Stout, Mrs. E. W. Supplee, Mrs. W. A. Shannon, Mrs. W. G. Toplis, Mrs. W. H. Vandergrift, Mrs. G. Y. Wood, Mrs. G. B. Winebrener, Mrs. N. F. Weisner, Mrs. J. Wolgemuth, Mrs. C. A. Weidemann, Mrs. Geo. W. Shingle, Mrs. C. W. Warrington.

Shortly after the opening hour, McDermott's famous orchestra played "Hail to the Chief," when his Honor, the Mayor of the city of Philadelphia, Samuel H. Ashbridge, entered the hall and passed through the dense crowds to the stage, escorted by

Clarence H. Campbell, where he was received by the Chairman of the Entertainment Committee, Daniel M. Harris, who, in a few appropriate remarks, welcomed Mayor Ashbridge—the latter, it is interesting to state, began his career as a druggist with Robert Shoemaker & Co., of this city—and introduced him to the guests of the evening.

Mayor Ashbridge expressed his pleasure at being present, and made some very happy introductory remarks upon the relations of retail druggists to the general public. He then extended most hearty greetings, and wished all a very pleasant evening.

Following the address, which was listened to with close attention and enthusiastically applauded, Chairman Harris announced the rules of the game of euchre to be played, the bell rang (not fire), but go ahead. The game then began. The function was one of the largest of its kind ever held in Horticultural Hall, 1,200 players being engaged in 30 sections of 40 people each, 4 players to each table. Each section was presided over by the following members of the Entertainment Committee :

D. M. Harris, C. H. Campbell, T. M. Newbold, Mahlon Kratz, E. J. Finnerty, Jr., H. L. Stiles, J. M. Baer, H. C. Blair, Jr., J. G. Howard, Chas. Leedom, E. T. Spencer, W. L. Cliffe.

HON. SAMUEL H. ASHBRIDGE,
Mayor of Philadelphia.

The committee was assisted by :

Wm. McIntyre, L. C. Funk, W. H. Laubach, Russell Blackwood, W. J. Pechin, Charles Reshfuss, W. H. Gano, W. T. Steinmetz, Frank Groff, George Lambert, Warren Poley, Jesse Pechin, J. C. Perry, W. W. Chalfant, C. F. Chandler, S. C. Henry, David Preston, J. A. Rudy, E. R. Gatchell, J. L. Crothers, G. W. Fehr, Nelson Fry.

Each table was furnished with cards, and tally cards for ten games, which latter were held of six minutes' duration, with two

minutes interval between each. Catchy musical airs were rendered by the orchestra during the intervals. The original number of prizes announced was 150, not enough to give one to each player, but the 150 grew to 236, which made about one prize to every fifth player.

The prizes offered were both generous in number and valuable, their value being estimated to be upwards of $1,000. The complete list of the firms and individuals who donated money or prizes is as follows:

Pharmaceutical Era, Smith, Kline & French Company, Eavenson Soap Company, L. C. Funk, Langdorf Company, Frank Teller, B. F. Lockwood, Jensen Press, Johnson & Johnson, J. Elwood Lee Company, Frank Groff, Colgate & Company, H. K. Mulford Company, Robert Shoemaker & Co., Seabury & Johnson, C. F. Chandler, Royal Malt Company, George Geyer Company, Shoemaker & Busch, Parke, Davis & Co., Whitall, Tatum & Co., Armour & Co., Merck & Co., William R. Warner & Co., Frank E. Engleman, Harris & Berntz, Mrs. Hunter, Boltz, Clymer & Co., John Wyeth & Bro., Schieffelin & Co., Roig & Co., *American Druggist*, Lazell, Dalley & Co., Eisenlohr & Bros., Sharpe & Dohme, Geo. D. Feidt, Undergrift & Co., E.T. Spencer, W. T. Steinmetz, Robert Klee, Wm. B. Burk & Co., Chas. Leedom, Leidel Coffin, Druedding & Co., H. C. Blair, Jr., Emerson Drug Company, La Hilda Cigar Company, Sovereign Remedy Company, Charles Burk, Aschenbach & Miller, Charles Lippincott, Valentine H. Smith & Co., J. G. Howard, Shinn & Baer, A. E. Norris & Co., *American Journal of Pharmacy*, Ganz & Co., Winkelman & Brown Drug Company, A. E. Dowie & Co., H. L. Stiles, Chas. Hilborn, J. C. Perry, W. A. Rumsey, W. W. Woodnutt, Saltsburg Bottle Works Company, J. Eppstein, Bauer & Black, Wallace Procter, J. J. Georges & Sons, H. K. Wampole & Co., Campbell & Bro., Reinle Brothers & Salmon, Hance Bros. & White, Vin Mariani Company, S. H. Wetmore & Co., E. Kessling & Co., D. M. Harris, W. H. Laubach, C. H. Campbell, Crown Perfumery Company, Andrew Blair & Co., Henry Tetlow & Co., F. S. Cleaver & Co., George Lambert, New York Consolidated Playing Card Company—who generously contributed their finest cards, as souvenirs for the occasion—John M. Maris & Co., Henry C. Fox & Sons, Rosengarten & Sons, Powers & Weightman, Chas. Lippincott & Co., Fairchild Bros. & Foster, Dr. D. Jayne & Son, Shoemaker & Busch, Mellor & Rittenhouse Co., Wm. McIntyre, Paul Rieger & Co., Santiago J. Coll & Co., W. P. Bushell & Co., J. Wolgemuth, W. H. Pile & Son, E. J. Finnerty, Jr., R. M. Green & Co., F. W. E. Stedem, Johnson, Holloway & Co., Rittenhouse Cigar Company, Schandein & Lind, Fred. Stearnes & Co., Harry Swain, H. Gamse & Bro., Charles Hillborn, Henry Jonas, Mrs. C. E. Howard and Charles E. Hires, who, with great liberality, slaked, with his tasty Root Beer, the "thirsty thirsts" of 1,800 red-hot throats.

At 10.15 P.M. a sonorous and sweet-toned cow-bell was rung to notify the belles and their escorts that the game was up, and everybody adjourned to the hall downstairs to see the fun of prize-getting; and there was in this scene, ofttimes, as much fun to the beholders as to the receivers of prizes. In the distribution of the prizes the following method was adopted: The prizes were equally divided between the men and women. The players winning the highest number of games drew for the first prize, after which drawings were made for subsequent prizes according to the number of games won, the valuation of the prizes diminishing with each drawing.

It is of interest to add that the first woman's prize, of a beautiful mahogany French dressing table, with bevelled plate glass, was won by Mrs. R. P. Ross, and that the first man's prize of a magnificent cut-glass punch bowl was won by Robert Duncan Coombs.

The dancing programme included a "P. A. R. D. March," composed for the occasion and led by the leading cornetist of the First Regiment Band; Waltzes, Two-Steps, Lanciers, Quadrille, Schottische, etc.

At nearly the end of the dancing, E. J. Finnerty, Jr., rendered, by request, the song, "Oh! Promise Me," which was so enthusiastically received that he was compelled to respond to a number of encores. Then, the tired and happy guests wended their ways homeward, with grateful thoughts, doubtless, for the royal good time, socially, the Philadelphia Association of Retail Druggists had given them, and hoping that the Association, having achieved such pre-eminent success in this, their first social venture, might be tempted, in the future, to renew the prescription at the same, or at an advanced price, if needs be.

So closeth the first Progressive Euchre and Dance given by an association of retail druggists in this country. Let us hope that the example will become contagious.

A VISIT TO THE BACTERIOLOGIC LABORATORIES OF THE H. K. MULFORD COMPANY.

By A. Fabian and W. H. Guest, Reporters for the Class in Bacteriology.

Through the courtesy of the H. K. Mulford Company, a visit was made to their bacteriologic laboratories by the special class in bacteriology of the Philadelphia College of Pharmacy, under Prof. Henry Kraemer.

The class had already visited the vaccine farms and laboratories of the firm at Glenolden Farms, Delaware County, and the object in visiting the bacteriologic laboratories was to study the methods carried out by this firm in the preparation of the various biologic products in process of development.

The laboratories are located at Thirty-ninth and Cambridge Streets (opposite Fairmount Park). The laboratories contain much special apparatus and are thoroughly equipped for original research and for the production of the various biological products.

The stables have a capacity for 150 horses.

At the time of our visit ninety-seven horses were under observation and over 100 rabbits and 1,200 guinea-pigs. Besides, the firm have a special building in which over 3,000 guinea-pigs are kept for breeding their animals for their own laboratories.

BIOLOGICAL LABORATORY AND STABLES.

The products of the laboratories are: Diphtheria antitoxin, tetanus antitoxin (for tetanus or lockjaw), anti-streptococcic serum (for blood poisoning, puerperal fever and streptococcic infections), anti-pneumococcic serum (for the treatment of pneumonia), influenza antitoxin (for distemper and influenza in horses), tuberculin, mallein, anthrax and black-leg vaccines and anti-venine antidote

for the bite of poisonous reptiles. The firm, however, finds a much larger sale for diphtheria antitoxin, and it is this preparation that the class found most interesting to examine.

The method of producing antitoxin for diphtheria was demonstrated by Professors

INTERIOR OF STABLE.

McFarland and Lincoln, and the process is as follows:

As virulent a culture of the bacillus of diphtheria is obtained as possible. It is grown upon Loeffler's solidified blood-serum mixture, and placed in an incubator at a temperature of 45° C. After a period of twenty-four hours the cultures are developed.

GROUP OF HORSES YIELDING CONCENTRATED ANTITOXIN.

From this a single colony of the bacilli is transferred into flasks of peptone bouillon. These flasks are placed in the incubator and kept at a constant temperature of 37° C., until the bacilli have become very numerous, and have elaborated an enormous amount of active and powerful toxin in the bouillon. To the bouillon, or, as it is now termed, "diphtheria toxin," 1 per cent. of trikresol is added, which kills the bacilli in the bouillon, then filtered through a modified Chamberland filter to separate it from the dead bodies of the diphtheria bacilli. No bacilli are, therefore, injected into the animals to be immunized, and they are not given "diphtheria," but the toxin developed by the bacilli. The toxicity of the toxin is determined by its injection into guinea-pigs, and, to be of a desired strength, 0·01 to 0·1 cubic centimetre should produce death of the control-animal in from twenty-four to thirty-six hours.

For the preparation of diphtheria antitoxin, horses are preferred, inasmuch as they are more easily operated upon, and because they furnish excellent serum in liberal quantities.

TYPE OF HORSE.

Before injecting with toxin the mallein-test for glanders and the tuberculin-test for tuberculosis are made, the results of such being clearly shown by the temperature, which is carefully recorded. Animals responding to either of these tests are discarded. It is thus assured that healthy animals are used exclusively.

The primary injection of the toxin is 1 cubic centimetre, and in equal periods of from six to eight days constantly increasing amounts of the toxin are administered, until in about ten weeks to three months as great quantities as 300 cubic centimetres of this powerful toxin may be borne with tolerance. When the injection of these large amounts is accompanied with but little elevation of temperature, trial-bleedings are taken from

the jugular vein. Before the bleeding of the horses, the operating-room is thoroughly cleansed with antiseptic solutions and formaldehyde gas. If the tests for antitoxin value are favorable, the horse is bled a large quantity, the blood being collected in sterile bottles, and placed in a refrigerating-room

SECTION OF LABORATORY GROWING THE TOXINS.

or sufficient time (about twenty-four hours) until coagulation allows the clear serum, which contains the antitoxin, to separate. This serum is drawn off by pipettes, and preserved by the addition of 0·5 per cent. of trikresol.

The most important step now awaits the

SECTION OF ANIMAL ROOM.

operator—the determination of the exact strength possessed by the antitoxin, as expressed in immunizing units.* For this purpose, the minimum fatal dose of a strong toxin is accurately determined by the injection of various amounts into a number of guinea-pigs, the smallest amount of toxin that invariably causes death of the animal in a reasonable time being regarded as the minimum fatal dose. It is usually calculated so much per 100 grammes body-weight.

A transcript from the laboratory record shows this determination of strength. Having found the minimum fatal dose of the toxin used to be 0·005 per 100 grammes guinea-pig, the animals are given 100 times this absolutely fatal dose of diphtheria toxin per 100 grammes weight. If testing for 250 units per cubic centimetre, $\frac{1}{250}$ cubic centimetre of antitoxin would be given; if for 500 units, $\frac{1}{500}$ cubic centimetre of antitoxin would be administered.

GROUP OF GUINEA-PIGS.

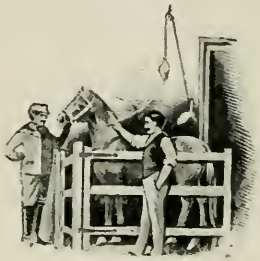
The absolute scientific value and correctness of these tests may be appreciated by the fact that the unit strength of antitoxin is as accurately determined as though it were possible to reckon the amount of sleep that a fixed weight of morphine would produce in a patient of a given number of pounds weight.

The strength of the antitoxin is determined by its neutralizing or protective value upon the animals receiving 100 times the absolutely fatal amount of toxin. It is impossible to determine the exact dose for therapeutic application, since the human subject is much more susceptible to the poison than the guinea-pig, and there is no possible means of determining the amount of toxin produced by the diphtheria bacilli in the patient suffering with diphtheria; therefore, if any error is made in amount of antitoxin administered, it should be its

*Briefly, an immunizing unit is the amount of antitoxin serum required to save a 300-gramme guinea-pig from 100 times the minimum fatal dose of diphtheria toxin.

administration in *excessive* rather than an insufficient quantity.

Diphtheria antitoxin is a most delicate substance, and its preparation can only be safely carried on in thoroughly equipped institutions, where men of undoubted integrity and ability are in supervision. While antitoxin



INJECTING TOXIN.

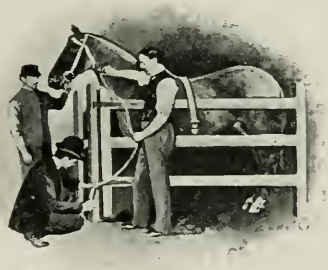
is a delicate substance, yet, when a proper preservative (trikresol, ·5 per cent.) in a sufficient amount is used, and it is hermetically sealed in sterile vials or special bulbs, it preserves its strength and antitoxic value for at least six months ; indeed, repeated experiments prove that it retains its activity for a much longer period. The only disadvantage of trikresol is that it gives a fluorescent appearance to the serum, but the absence of cloudiness is shown by permitting the light to enter squarely through the tubes containing the finished product.

To protect druggists in handling and physicians in employing antitoxin, the method of dating antitoxin was devised, at the expiration of which it is to be returned in exchange for a fresh supply ; this exchange entails no expense on the druggist or physician except the cost of mailing.

Antitoxin is usually supplied in tubes containing varying quantities of serum, but of a certain number of immunizing units. This is apt to lead to confusion, and therefore an antitoxin is supplied of a fixed standard of a definite number of immunizing units in each cubic centimetre of serum. While this involves extra labor, it prevents confusion on the part of the physician, and the end is well worthy of the increased labor.

This firm now produces serums of which each cubic centimetre contains as much as 1,000 units. This overcomes the chief objection that has been urged against the serum—more prompt absorption takes place, insuring quicker results, besides the attendant dread caused by the large instruments necessary for the introduction of larger amounts of weaker serums. The accepted theory of the action of antitoxin is that it renders the living cells of the organism tolerant to the toxin liberated by the diphtheria bacilli, and by increasing this tolerance they are able to overcome these toxins and neutralize their deleterious action.

For the preparation of anti-venine, the firm have a large collection of rattlesnakes, copper-heads, moccasins and cobras. The method of obtaining the venom from the snake was demonstrated by Dr. Ranck, who has direction of the stables and animals. A large rattlesnake was secured by means of a leather loop attached to a pole, the mouth of the snake was opened by the thumb and forefinger, a special shape test-tube with narrow mouth was then pressed back of the fangs, and about a teaspoonful of venom



BLEEDING HORSE.

was collected. This operation is termed "milking the snake." The venom is dried over sulphuric acid, forming into scales or crystals of a "pepsin-like" appearance. The venom is injected in minute quantities and amount gradually increased until the horses are bled and the serum collected in the manner described in the preparation of diphtheria antitoxin.

With the energy commendable to the Mulford Company, the preparation of Haffkine's plague vaccine and anti-plague serum for the worst scourge of man, the bubonic plague, is now being carried on, and this preparation will soon be ready for shipment to afflicted countries. These products, however, are prepared in a separate laboratory and buildings entirely remote and distant from the other laboratories or buildings.

The Mulford Company is composed of graduates of the Philadelphia College of Pharmacy, to whom was tendered a hearty vote of thanks, as well as to those in direction of the biological work, Drs. McFarland, Ranck, Lincoln and their assistants.

Our Graduates.

(In order to make this department of the REPORT as generally interesting as possible, the graduates of the Philadelphia College of Pharmacy are requested to send items of information concerning graduates to the editor of the REPORT. By so doing, they can keep in social touch with fellow-graduates and renew the friendships of college days.)

MEMORIAL ROSTER.

Douglas—On May 24, 1895, at Baltimore, Md., John Wyeth Douglas, '40. He resided at Chambersburg, Pa., and practised law.

Kappes—On April 20, 1896, at Sistersville, W. Va., of pneumonia, Frederick Franklin Kappes, '88, aged 31 years.

Pancoast—On Saturday, November 4, 1899, at Cooper Hospital, Camden, N. J., Dr. Dilwyn Parrish Pancoast, '56, aged 62 years.

White—On Thursday, November 30, 1899, at Ocean Grove, N. J., Andrew Allison White, '76.

Franklin—On Tuesday, January 9, 1900, at 2311 Atlantic Avenue, Atlantic City, N. J., Dr. Thomas Hare Franklin, '60, of heart failure, aged 59 years.

MARRIAGE ROSTER.

Lukens—Klinger. On June 28, 1899, C. Boker Lukens, '97, to Pauline Terrissa Klinger, daughter of Mr. and Mrs. August C. Klinger, of Philadelphia.

Stewart—Smith. On January 10, 1900, S. S. Stewart, '94, of East Palestine, O., to Miss Mary Alice Smith, daughter of H. H. Smith, of Columbiana, O. Mr. and Mrs. Stewart will reside in East Palestine.

STORE CHANGES.

——Theophilus N. Corbyn, '76, has opened a new drug store, corner Tinicum Avenue and Island Road, Philadelphia, called "Boon's Dam Pharmacy."

——David G. Potts, '73, has removed his store from 24 South Second Street, to 224 Market Street, Philadelphia.

——Frank P. Semmel, Jr., '96, formerly of Allentown, Pa., has purchased the drug store of C. T. Horn, M.D., at Lehighton, Pa.

ADDRESSES WANTED.

——Secretary Wm. E. Krewson desires the addresses of the following graduates:

Geo. W. Hackenberger, '90.
Robert Gibson, '80.
Franklin P. Shaak, '87.
Calvin Jordan, '94.
Gomer David Owen, '84.
Morris Leedom, '95.
John R. Light, '96.
Albert S. Nichols, '93.
Elias Mader, '95.
Samuel F. Stoll, '85.
Gustave Adolphus Otgen, '81.
J. Fred'k Windolph, '85.
H. G. La Master, '95.
Frank W. Brown, '81.
Wm. C. Zinnel, '89.
Ferdinand Holberg, '86.
H. E. Steinhilber, '82.
John H. Habley, '94.

Thos. Mooradian, '94.
Thomas Jackson, '96.
Chas. E. Slough, '80.
Bertram McClure, '88.
Howard F. Stine, '96.
David A. Buehler, '96.

CHANGED ADDRESSES.

——The following have changed addresses. Their addresses now are :

——David Dalton, '91, Sharon Hill, Pa.

——Frank P. Semmel, Jr., '96, Lehighton, Pa.

——Robert Grafton Shoults, '99, Sonoma, Cal.

——J. Frederick Windolph, '85, Norwich, N. Y.

——Walter Clement Mutty, '99, Berlin, N. H.

——Charles Kohler, '93, 1541 Chestnut Street.

——Josiah Hodkinson-Furman, '93, 1541 Chestnut Street.

——Albert A. Chance, '93, Cambridge, Dorcester Co., Md.

——Chas. H. Smith, '95, 97 Water Street, Binghampton, N. Y.

——David G. Potts, '73, 224 Market Street, Philadelphia.

——B. Morris Magill, '73, 1218 Broadway, New York City, N. Y.

——Samuel M. Strohecker, '90, 319 Franklin Street, Reading, Pa.

——Frank W. Droelle, '87, 271 Gratiot Avenue, Detroit, Mich.

——Wm. L. Peabody, '95, 3912 Lindell Avenue, St. Louis, Mo.

——John Allen McFall, '99, 7 Palmetto Street, Charleston, S. C.

——George F. Wild, '96, 191 Lafayette Street, Fort Wayne, Ind.

——Newton C. Baker, '97, 225 South Tenth Street, Philadelphia.

——Wm. Bell Walter, '98, c/o James S. Robinson, Memphis, Tenn.

——Wm. P. Grady, '99, c/o Dr. Meeker, Medico-Chirurgical College.

——Wm. Henry Myers, '95, 127 North Warren Street, Trenton, N. J.

——Willard C. Andrews, '99, 17 South Twelfth Street, Richmond, Va.

——Elwood K. Pflieger, '99, 408 West Huntingdon Street, Philadelphia.

——Edward D. Helfrich, '96, Columbus, O., care Ohio Medical University.

——Harry Reed Hess, '92, 1302 North Allison Street, West Philadelphia.

——Chartton G. Johnson, '96, c/o Wm. Wilson, 86 Broadway, New York.

——Harvey H. Mentzer, '93, 5521 Morris Street, Germantown, Philadelphia.

——Archibald Alex. Gracey, '90, 2302 North Twelfth Street, Philadelphia.

——G. Emil Chalquest, '99, c/o McArthur & Winston Bros., Memphis, Tenn.

——Robert August Koempel, '76, 218 East Eighty-sixth Street, New York.

——Dr. Samuel Edward Power, '82, 616 North Sixteenth Street, Philadelphia.

——Theophilus N. Corbyn, '76, Tinicum Avenue and Island Road, Philadelphia.

——W. E. Ridenour, '95, 258 Zeralda Street, Germantown.

——Chas. H. Riegel, '93, southwest corner Fifty-eighth and Vine Streets, Philadelphia.

——James D. King, '98, northeast corner Eighth Street and Girard Avenue, Philadelphia.

——Dr. Charles Schabinger, '96, S. W. cor. Eleventh and Brown Streets, Philadelphia.

PERSONALS.

——John P. Frey, '83, drives a quartette of drug stores, so to speak, owning four.

——Pinckney N. Pinchback, '87, is seriously ill.

——Charles C. Trauck, '90, has changed his address to 2924 High Street, Camden, N. J.

——The many friends of Harry V. Arny, '89, will be pleased to learn of his entire recovery from ill health.

——Edwin Chas. Tragesser, '92, 2226 Fontain Street, this city, is now acting as relief clerk ('Phone No. 2–32–15).

——Paul H. Gross, '97, has accepted a position as manager with Taney & Co., Johnstown, Pa.

——Wm. T. Hankey, '91, junior member of the firm of Benton, Myers & Co., Cleveland, O., was a Philadelphia visitor recently.

——Dr. C. H. Gubbins, '81, is demonstrator of pharmacy in the medical department of the Medico-Chirurgical College, of this city.

——Robert C. Brodie, '44, of Philadelphia, is Treasurer of St. Alban's Lodge of Masons, and has been elected for twenty-six consecutive terms.

——Edward K. Cope, '97, has purchased the store of the late Dr. J. M. Higgins, at Norris Street and Germantown Avenue, Philadelphia.

——W. E. Ridenour, '95, is now residing at 258 Zeralda Street, Germantown, Pa. Mr. Ridenour was recently elected Secretary of the Chemical Section of the Franklin Institute.

——Clarence Blaine Gowen, special student of chemistry, '96, of St. Qunous Mills, Ga., but now located at West Gate, Ia., was recently married to Miss Edna Augusta Latimer, of West Gate, Ia.

——Under the direction of Wm. E. Krewson, '69, Secretary of the Alumni Association, the reading room of the College, which is in his charge, and is open daily from 9 A.M. to 5 P.M., has proved to be a valuable feature of the institution, not only to the students, but also to employers wishing employees through the medium of the Bureau of Employment, of which latter our genial Secretary is the active agent.

NOTES.

——The bodies of 151 of the ill-fated men of the U. S. S. "Maine," destroyed in Havana harbor, have been transported by the Government, and some have been buried in the Arlington Cemetery, at Washington, and some elsewhere. Among the bodies was that of the late Walter S. Sellers, '98, apothecary of the "Maine," to whom it is proposed to erect, in the Philadelphia College of Pharmacy, a memorial tablet.

——Walter V. Smith, '89, has been elected President of the Philadelphia Drug Exchange. At the banquet celebrating the thirty-fifth anniversary of the Exchange, held January 25, 1900, in the Philadelphia Bourse, Clayton F. Shoemaker, '70, who has been President of the Exchange for two terms, acted as toastmaster. In opening the speech-making, he announced that the newly-elected President, Walter V. Smith, was suffering from severe illness, and expressed the sympathy they felt for him and their prayer for his speedy recovery. Upon his suggestion, it was resolved to send the flowers from the tables to Mr. Smith, as a token of their regard. Mr. Smith had prepared a brief address, which the toastmaster read. In it Mr. Smith called to mind the jealousies and exclusiveness that ruled in the drug trade before the Exchange was formed, there being so little intercourse between houses in the same business that members of prominent houses did not know the men of equally prominent establishments in the same business. All this has happily been changed by the Drug Exchange, which has been a means of mutual help to all. Mr. Smith also referred to the active part taken by the organization in promoting and sustaining the National Export Exposition.

Prof. Joseph P. Remington, Dean of the Philadelphia College of Pharmacy, also spoke, and said that all those connected with the drug trade were realizing the value of the era of good feeling introduced by the Drug Exchange. This feeling extends all through the trade, and whereas there was a time when the retail druggist felt that the wholesaler and the jobber had him by the throat, that feeling had passed away. Sometimes he thought the wholesalers were inclined to think that the retailer had them by the throat, but there was no reason why the representatives of all branches of the trade should not regard each other as friends, and he thought that was the rule nowadays.

——The Medicine Chest of the "Maine" has been specially designed by Henry S. Wellcome, a graduate of the P.C.P., Class of '77, and the whole of the work has been done by the firm of Burroughs, Wellcome & Co., of London. The matter is thus referred to by the *Pharmaceutical Journal* (1899, 610):

On the top panel appear the Union Jack and Stars and Stripes entwined; portraits of George Washington, Queen Victoria and President McKinley, and representations of the American Eagle and British Lion. The front panel bears portraits of Lady Randolph Churchill (President), Mrs. Ronalds (Hon. Treasurer), and Mrs. Blow (Hon. Secretary of the American Ladies' Hospital Ship Committee); a picture of the "Maine;" a scene representing the British Lion wounded by an arrow, being administered to by Britannia and Columbia. A frieze is formed by a representation of American Indian wampum, upon which are depicted Brother Jonathan and John Bull grasping hands. The panel at each end of the chest represents Britannia and Columbia supporting a banner bearing the Red Cross; also representations of the national emblems—the English oak and American corn. The panel at the back of the chest depicts a charge of British Regular and Colonial Lancers, and a Highland Brigade. The Boers hold their ground sheltered behind rocks and boulders. The bugler-boy who felled three Boers is noticeable in the scene. Prominently inscribed on the chest is Keble's line, "No distance breaks the tie of blood," and Ambassador Bayard's notable phrase, "Our kin across the sea." The chest is made of oak and covered with Carthaginian cowhide, upon which the designs are tooled by hand. With one exception the whole of the medical staff of the ship and five non-commissioned officers are Americans, acting under the direction of Surgeon-Major Cabell, of the United States Army. The exception is Surgeon-Lieut.-Colonel Hensman, of the British Army Medical Service, who is in command, as representing the War Office. Three American doctors have volunteered their services—Dr. George Eugene Dodge and Dr. Harry H. Hodman, of New York; and Dr. Charles H. Weber, of Philadelphia. Miss M. E. Hibbard is chief of the five nurses. Lady Randolph Churchill will also accompany the "Maine," a special cabin elegantly and comfortably furnished on the main deck being placed at her service. The ship flies three flags—the Union Jack (presented by Her Majesty the Queen), the Stars and Stripes, and the Red Cross in addition to the Admiralty transport flag. She is the first vessel which any nation has ever dispatched to succour the wounded forces of another state.

——An unusual combination of commercial sagacity and technical skill, states the *American Druggist*, was brought together when Henry G. Keasbey and Richard V. Mattison, both of whom graduated in the Class of 1873 of the Philadelphia College of Pharmacy, entered into partnership and opened a laboratory on North Juniper Street, above Arch, shortly after their graduation. Dr. Mattison undertook the introduction of their granulated effervescent salts to the medical profession, and travelled all over the United States interviewing physicians and druggists. At the end of nine months a need for larger quarters compelled the enterprising

young firm to move to Filbert Street, while two years later another move was rendered requisite, when the firm settled at 332 North Front Street, and later added the two houses lying next to this number. The firm decided to engage in the manufacture of quinine, and shortly after doing so, found it necessary to move their quinine factory to Ambler, a town some sixteen miles north of Pennsylvania, where they had already established a magnesia works. They were successful in this as in other ventures, and in 1887 had the sagacity to foresee the decline of quinine, and their circular on 25-cent quinine, issued in that year, created almost a panic in the trade. The growth of their business in the manufacture of magnesia coverings for steam pipes, etc., was so rapid as to lead them to abandon the manufacture of quinine, and devote their energies to magnesia.

The business done in magnesia sectional coverings by this firm is enormous. A large number of the locomotives running on such representative roads as the Pennsylvania Railroad, Lehigh Valley, Grand Trunk, Rock Island, Illinois Central, Union Pacific, etc., are covered with magnesia lagging, which is a commercial product made of about ninety parts of carbonate of magnesium, and ten parts of fine, silky asbestos fibre. This mixture is pressed into blocks, and these are fashioned to fit the boilers of the ordinary locomotives instead of the wood lagging formerly used, and the magnesia, after being applied, is then covered with planished sheet iron. The large number of locomotives built for use upon the Trans-Siberian Railway are covered with these blocks from the laboratory of the Keasbey & Mattison Company, as are also a large number in use in China, Brazil, Australia and various other well-known but remote corners of the world. The war vessels of the United States Navy, the "Philadelphia," "New York," "Yorktown," "Bennington," "Miantonomah," "Charleston," "Baltimore," "Brooklyn," "Newark," "Massachusetts," the so-called "pirate," the armored "Columbia," and its sister ship, the "Minneapolis," etc., as well as the dynamite cruiser "Vesuvius," all have their boilers, steam pipes and other radiating surfaces covered with magnesia from this Ambler plant. The scene of the present troubles in the Transvaal, South Africa, is liberally sprinkled with Keasbey & Mattison's magnesia covering, as are also the ore mines of Spain and Japan, the silver mines of Mexico and Bolivia, as well as the sugar reduction houses upon the plantations of Cuba, Hawaii and Louisiana.

It is as the manufacturers of Bromo Caffeine, however, that the Keasbey & Mattison Company have become most widely known among the trade. There is probably no other preparation which has been so widely imitated as has been Bromo Caffeine. In the line of pharmaceuticals the Keasbey & Mattison granulated effervescent salts are probably more widely known than those of any other makers.

The Keasbey & Mattison Company, which was formed in 1892, has a capital stock of $2,000,000, and Dr. Richard V. Mattison, who has always been the managing partner of the business since its foundation, is the President and general manager of the company.

Class News.

SECOND YEAR CLASS NOTES.

——Stoudt will gladly receive suggestions and remedies. Kindly leave them at the office.

——Sol! Sol!! Sol!!!

——The subject of hair restoratives embarrasses many members of the class, but oddly enough, the latter occupy back seats.

——A diamond pin has been found, and in a few weeks the members of the class will each have one. ('01's turn to call the bluff!)

——The Mandolin, Guitar and Glee Club is now well organized, and will soon be ready for active work. Clear the track when the bell rings!

——Our "pledges" when put on the Bulletin Board of the College seem to have a most alarming effect on our Senior friends. What can the matter be, that there should such a clatter be!

——At the Beta Phi meeting on January 29, the resignation of J. H. Levering was accepted with much regret. Otto S. Kraus was elected his successor, and the selection is a most popular one.

——The class of 1901 has been very much interested in a course of lectures by Professor Lowe on Inorganic Materia Medica. The lectures were very instructive and thoroughly appreciated.

——The results of J. P. Wolfinger's efforts are most gratifying to the class. Those who were present at the meeting on January 29 expressed their admiration of the product exhibited, and those who were not present will have an opportunity to see it shortly.

——Edwin M. Murphy has his own ideas of drugs. He often remarks, "You may call such and such a drug by such and such a name up North, but that is not what we call it down South." With Edwin a local drug name for an official drug name is "the same old coon."

——The Remington Club, which was organized the first of last year, met January 10 and selected the following officers for the following year:

President—H. M. Highfield.
Vice-President—T. W. Penrose.
Secretary—V. C. Michels.
Treasurer—E. F. W. Garber.

——The Century Club, at its meeting January 30, 1900, elected the following officers for the year: President, John B. Tingle; Secretary, C. Harry Ziegler; Treasurer, Robert N. Bell.

The purpose of the Club is the advancement of the knowledge of its members, particularly upon the subjects taught at the College.

——On January 15, the Beta Phi Society had one of the most enjoyable meetings since its organization. About 100 members of the class were present. After a short business session the rest of the time was given to a programme arranged by the Entertainment Committee.

The first number was a piano solo, by Theodore K. Boesch, followed by a poem, "The Class '01," by Fielding O. Lewis. Then a selection was rendered by a quartette, composed of T. K. Boesch, W. F. Steever, V. C. Michels and E. F. W. Garber.

By the rounds of applause that greeted each number we judge that they were all heartily enjoyed.

A programme has been arranged for the meeting of February 12, 1900.

EARL H. CONE,
E. F. W. GARBER,
Beta Phi Reporters.

THIRD YEAR CLASS NOTES.

——Rumor has it, "The High School Girls" are color blind.

——Except in stature, Whitman is a "dead ringer" for Hughey Dougherty.

——Mr. Eddy's talk at the last Zeta Phi Meeting was both interesting and instructive.

——Stinson says Lehman is thinking about an armor to ward off cupid's arrows. How about Stinson?

——Any person having "wedding cake" scraps will kindly send them to Schad, for dreaming purposes. He's a winner.

——Here is a yell from the sunny South:

"Whitall! Whitall! Tatum T,
Chocolate! Chocolate! Pharmacy!"

——The worthy bachelors are seriously thinking of framing a set of resolutions and striking Meredith's name from the list.

——We are glad to state that M. L. Branin, manager of our undefeated foot-ball team, is convalescing from an attack of typhoid fever.

——Upon the arrival of the party at Camden in the evening, Captain Young was seen seeking for a physician ; cause, too much Millville pie.

——"I love you, oh !" That sly glance of the half-closed eye. That cosy downward bend of the head, oh ! Ask Eddy for the significance.

——Congratulations are pouring in upon Mr. Wilkinson, President of the Doolittle Club, concerning the said club upon its formation at dress parade.

——McClure, accompanied by one of the fair sex, was cutting the figure 8 and incidentally a few stars (?) on Centennial Lake during the recent good skating.

——Thos. C. Corson, Class of '00, received the highest average in the recent examinations before the Pennsylvania State Pharmaceutical Examining Board, and another member of our Class, Frank J. Maier, made 100 per cent. before the New Jersey Pharmaceutical Examining Board.

A TRIP TO THE GLASS FACTORIES OF WHITALL, TATUM & CO., AT MILLVILLE, N. J.

Wednesday, January 31, 1900, will ever be cherished in the minds of the members of '00 class of the P.C.P. as "a red-letter day." One and all had been looking forward to this trip, and the "one man" that Professor Remington predicted would make a mistake and get aboard a Chestnut Street ferry boat, discovered his mistake before he arrived at Kaighn's Point, and fortunately, he "fell in" with Irby, from Gloucester, and together they journeyed toward the town that was not on the map—Camden. With this one exception the rest of the class, remembering Professor Remington's instructions, took passage on a Market Street ferry boat, and arrived at their destination without further incident.

The "special cars" were soon taken possession of, and once in them the boys began to realize that it was about time to give vent to their "pent-up enthusiasm" by "whooping-er-up" for Whitall, Tatum & Co.

To amuse themselves, the occupants of the first car generally played "Seven up," "Old Maids," and other well-known games. In the rear car a high-class vaudeville was being enacted; a "four-round" go, with Meuser as one of the principals, was also one of the attractions.

As we neared Millville the class was divided into different sections, each section being designated by its different colored badge. For instance, the high school girls had red and white. Upon arriving at Millville part of the class visited the factories at Claytown or Upper Millville, while the other portion visited Glasstown or Lower Millville. At about noon all hands repaired to the W. C. T. U. Hall, where a bountiful repast had been spread. Immediately before partaking of the many delicacies, Stinson Whitman, Pop Heckman, Kelly and Scottie endeavored to amuse the populace by a little comic opera, but the curtain was soon rung down when the dinner bell rang. Everybody did justice to the "good things" set before them, and Schad for once secured enough to eat. Then came cigars and the after-dinner speeches ; certainly we all knew Professor Remington's reputation as an after-dinner speaker, but we were agreeably surprised at the large number of "Chauncey Depews" that the class contained, namely, Meredith, Seip, Blue and Eddy. Mr. Bacon, Whitall, Tatum & Co.'s representative, is also in Class A when talking after partaking of a good dinner. The class now proceeded to get more pointers in the art of glass-making. The section which had visited Clay-

town in the morning went to Glasstown in the afternoon, and *vice versa*. Every one so inclined was given the opportunity to try "their wind" at blowing glass, and at about 4.30 P.M. we left Millville with a lot of good, solid information and kind thoughts for Whitall, Tatum & Co.

ROBERT C. PURSEL,
WALTER BROOKS,
Zeta Phi Reporters.

Items.

——The Franklin Institute, of Philadelphia, held its seventy-fifth annual meeting on January 17, 1900, which, by the by, was the one hundred and ninety-fourth anniversary of the birth of Benjamin Franklin, for whom the institution was named. This time-honored institution is known for its good works the world over, and deserves the richest measure of prosperity. Quite a number of those who are active in the work of the Philadelphia College of Pharmacy are also active in that of the Franklin Institute, such as Prof. Samuel P. Sadtler, Charles Bullock, George M. Beringer, Lyman F. Kebler, W. E. Ridenour and others. What the Philadelphia College of Pharmacy has been in the development of American pharmacy the Franklin Institute has been in the development of American invention—pre-eminent.

——The Committee on Coinage, Weights and Measures of the House of Representatives is again considering the subject of the adoption of the metric system of weights and measures as the legal system of the United States—with a view of presenting a report to Congress upon this subject. The Chairman of the Special Committee on Weights and Measures of the American Pharmaceutical Association would urge all members of the Association and all pharmacists of the United States who favor the adoption of the measure to write to the Hon. James H. Southard, Chairman of the House Committee, Washington, D. C., presenting their views upon this subject. Probably no class of persons would be more benefited by the adoption of this measure than the pharmacists of this country, hampered and annoyed as they now are by being compelled to use avoirdupois and apothecaries' weight, wine measure and, in some sections, imperial measure as well as the metric system. Since the foundation of the Republic there probably has never been a time when the importance of this subject was more apparent than it is at present. With the acquirement of new territory in distant parts of the world and the increase of our commerce with foreign nations, a universal system of weights and measures becomes more than ever desirable. Pharmacists of the United States are to be congratulated on the advanced position they have taken in securing the adoption of the metric system exclusively by the United States Pharmacopœia in 1890, and it is hoped that they will continue to aid in securing its adoption by Congress as the only legal system of weights and measures in the United States.

——Report of meeting of the Philadelphia Association of Retail Druggists held February 2, 1900:

Sixty retail druggists assembled in the Museum of the Philadelphia College of Pharmacy to attend the meeting held on the 2d inst.

All members are paying their dues promptly and taking unusual interest in the affairs of the Association.

The Secretary reported that he had received from H. C. Blair, Jr., a check for $10, which had been donated by Messrs. Whitall, Tatum & Co. to the Association.

The resignation of L. F. Segrest was accepted, on account of his retirement from business.

D. M. Harris, Chairman of Entertainment

Committee, gave a concise and clear statement of the work accomplished by his Committee and of the success they were having in getting up the progressive euchre for February 7, at Horticultural Hall; concluding, Mr. Harris said that they were indebted to Messrs. Smith, Kline & French Company for their liberality in giving the first ladies' and gentlemen's prize, and also, that the success of the affair was in a great measure due to the untiring work of C. H. Campbell, the Secretary of the Committee.

C. H. Campbell and E. J. Finnerty, Jr., also spoke briefly for the Committee.

J. C. Perry, Chairman of Executive Committee, reported twenty-five new members; also, that a list of the approved jobbers in Philadelphia had been forwarded to National Secretary Thos. V. Wooten, as follows:

(1) Aschenbach & Miller, W. R.*
(2) Butterworth & Co., C. H., W. R.
(3) Lambert & Kirk.
(4) Philadelphia Wholesale Drug Company, Ltd.
(5) Pile & Sons, W. H.
(6) Pfroom & Kindig, W. R.
(7) Shoemaker & Busch.
(8) Shoemaker & Co., Robt., W. R.
(9) Smith, Kline & French Company.
(10) Smith & Co., V. H., W. R.
(11) Steelman & Archer, W. R.
(12) Warner & Co., W. R., W. R.

The renewal of the Treasurer's bond was brought up, the premium being $7.50. It was thought that this could be had for a much cheaper rate, and on motion of J. C. Perry, which was adopted, it was referred to the Finance Committee to report at next meeting.

Bills amounting to $15.01 were presented and ordered paid.

C. H. Campbell presented the Association with a letter press, and the Chair personally thanked him for the donation.

The following resolution was then read by J. C. Perry, and passed:

"*Resolved*, That the Philadelphia Association of Retail Druggists will recognize any action and will support all measures proposed by the National Executive Committee, providing we have the support of both the Proprietary Association of America and the National Wholesale Druggists' Association."

Attention was called to recent prosecutions of retail druggists by the Sabbath Association and on motion of C. H. Campbell, it was agreed that the Association would stand by any member that action was taken against, the expense so incurred to be borne by assessment or voluntary contributions.

C. H. Campbell read a communication from Fred'k T. Gordon, apothecary, League Island Navy Yard, in which he says that he is willing to devote some of his time in an endeavor to increase membership in the P. A. R. D., and to interest as many retail druggists as possible in the work. He does not ask for any compensation, only that such expenses as car fare, postage, etc., be paid by the Association. Mr. Gordon's letter concludes with the following:

"My motive is to do all the good I can to put the druggist and my profession where both of right belong—at the top of the heap!"

It was agreed, with a rising vote of thanks, to accept Mr. Gordon's offer.

On motion, the meeting adjourned.

The next meeting will be held Friday, March 2, 1900, 3 P.M., at the Philadelphia College of Pharmacy, 145 North Tenth Street. See notice in another part of the ALUMNI REPORT.

W. A. RUMSEY,
Secretary.

P. S.—The following Committees have been appointed:

Finance.—Dr. Chas. A. Weidemann; J. L. Crothers; B. Frank Davis; W. F. Steinmetz.

Auditing.—E. M. Boring; J. S. Sands; D. H. Ross; M. G. Ruff; Wm. Pechin.

Reception.—Robert McNeil; Wallace Procter; S. C. Henry; J. J. Finney; C. A. Gill.

*W. R.—Doing both a wholesale and retail business.

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One gross, one color in a box, or
one gross, five colors in a box

Printed, 10 Cents a gross extra

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CAMDEN, N. J.

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Druggists' stocks and fixtures appraised. Call, see and examine a large list of desirable stores—some suitable for physicians. Information free to callers. Send stamped envelope with inquiries by mail.

Long-Established Transfer Agency. References: Many of the Wholesale and Retail Druggists of Philadelphia and elsewhere.

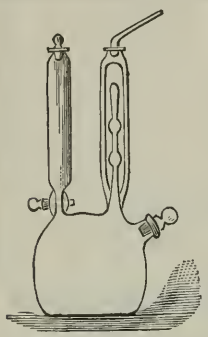
OFFICE DAYS

MONDAY, WEDNESDAY and FRIDAY

9 A.M. to 3 P.M.

Daniel Phreaner,

147 N. Twelfth Street



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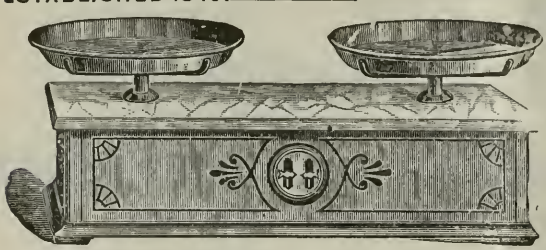

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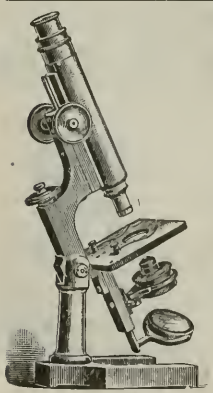

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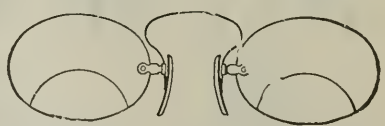

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The following embraces a small number of popular and approved remedies which we now offer in the new form of POWDER-CAPSULES.

QUININE SULPHATE, QUININE BISULPHATE, BLAUD,
ANIMAL DIASTASE (Amylopsin), ACETANILID and its Compounds,
RHUBARB, ANTIPYRINE, PHENACETINE, SALOL,

ANTIPYRETICS,
These include all this class of products, singly and all the most efficient compounds.

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IT WILL PAY YOU TO SEE OUR EXQUISITE

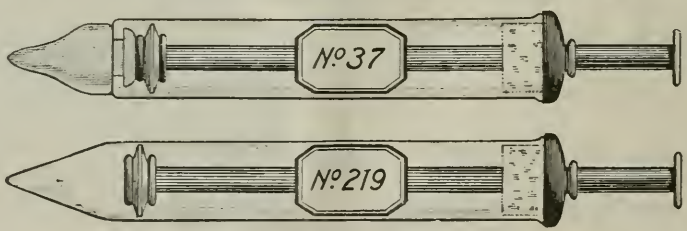
HOLIDAY PERFUME LINE

YOUR CORRESPONDENCE SOLICITED

WM. H. BROWN & BRO.'S PERFUMES

BALTIMORE, MD.

Two Desirable Glass Syringes



½-OUNCE CAPACITY

Made with Rubber Washers or Packing

These Syringes will not leak, are much cheaper than Hard Rubber, and can be kept cleaner.

No. 37, with Soft Rubber Tip, dozen in a box . . . . . dozen, $0.75
" " " " " each in wood case . . . . . " .85
No. 219, Glass Conical Point, dozen in a box . . . . . " .50
" " " " each in wood case . . . . . " .60

JOHN M. MARIS & CO.

Philadelphia **New York**

The Chocolate That Draws Crowds

Is the Kind to Serve at your Soda Fountain

The unequalled magnetic power of the "H. B. & W." Chocolate, known universally as "Koko," is due to qualities which render it superlatively suitable for serving with soda water.

(1) Its strength and fineness of flavor.

None but ripe cocoa beans of first quality are used in its preparation, and nothing but beans, no sugar mixed in or powdered cocoa shells.

(2) Its freedom from cocoa butter.

Does not grease the glasses or leave a disagreeable furry taste in the drinker's mouth.

"Koko" lends itself readily to syrup making, is perfectly smooth and soluble and will rapidly build up and firmly retain a trade that comes especially for chocolate. Put up in 1 lb., 5 lb., 10 lb. and 25 lb. screw-cap tin canisters.

THE

"H. B. & W." Pure Concentrated Fruit Syrups

The quality of these goods is superb. Syrups as fine are not to be had anywhere else; finer syrups simply cannot be made. They represent perfectly the very choicest fruit of the greatest fruit market in the world—Philadelphia. For fountain use they may be diluted with from two to four parts of simple or rock-candy syrup.

Alaska Snowball
Ambrosia
*Apricot
Arctic Sherbet
*Banana
*Blackberry
*Black Raspberry
*Blood Orange
*Calisaya Phosphate
*Celery and Orange Phosphate
*CHERRY RIPE
*Cherry (Morella)
Claret Phosphate
Coffee
*Fruit Phosphates
Ginger
Ginger Ale
*Grape (Unfermented)
*Grape (Wild)
*Imperial Sicily Lemon
LEMON
*Lime
*Morella Cherry Phosphate
Nectar
Nectarine Phosphate
ORANGE
*ORANGEADE
*Orange Phosphate
*Peach
*Pear
*Pineapple
*Plum
*Quince
*Raspberry
*Raspberry Phosphate
*Raspberry Vinegar
*Red Currant
*RED MESSINA ORANGE
Root Beer
Sarsaparilla
Sherbet
Sherbet, Persian
*Sicily Lemon Phosphate
*Strawberry
Vanilla
*Wild Cherry Phosphate
*"L. A. W."

Flavors, names of which are marked with an asterisk, are also supplied as Fruit Juices.

Concentrated Syrups put up in 1-gallon jugs, packed 6 in a case; Fruit Juices in quart champagne bottles, packed 12 in a case.

HANCE BROTHERS & WHITE

Head Office and Works, Philadelphia

Branch Offices

New York	59-61 Maiden Lane
Chicago	195 East Randolph Street
Pittsburg	419 Seventh Avenue
London S E	124 Southwark Street

Pharmaceutical Chemists

IT PAYS

To Dispense Fairchild's

When **Essence of Pepsine** *is prescribed.*

Fairchild's Essence gives the results the prescriber anticipates, and keeps your customers' trade.

Fairchild Bros. & Foster.

ESKAY'S Albumenized FOOD

Is the Most Delicious as well as Most Nutritious

FOOD

For Infants, Invalids and Dyspeptics

Keep well supplied with our attractive advertising matter, cheerfully sent upon application.

SMITH, KLINE & FRENCH CO., Philadelphia, Pa.